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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/610,477	06/30/2003	Georg Kormann	09159-US	9353

7590 11/15/2004  
Kevin J. Moriarty  
Patent Department  
DEERE & COMPANY  
One John Deere Place  
Moline, IL 61265-8098

EXAMINER
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BHAT, ADITYA S

ART UNIT	PAPER NUMBER
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2863

DATE MAILED: 11/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/610,477

Applicant(s)

KORMANN, GEORG

Examiner

Aditya S Bhat

Art Unit

2863

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 30 June 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 June 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
  - 2) ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-4 & 8-16 are rejected under 35 U.S.C. 102(e) as being anticipated by Beck (USPUB 2002/0091476).

With regards to claim 1, Beck (USPUB 2002/0091476) teaches a system for documenting the operation of an attached implement for a working machine, characterized by

an operating parameter detection arrangement that is arranged to detect an operating parameter of the attached implement and to transmit an operating parameter signal to a memory, the memory receives the operating parameter signal and stores the operating parameter signal in memory. (Page 1, paragraph 0010 & 0015)

With regards to claim 2 and 13, Beck (USPUB 2002/0091476) teaches a display for displaying the operating parameter signal from the memory. (Page 3, paragraph 0025)

With regards to claim 3 and 14, Beck (USPUB 2002/0091476) teaches the display interacts with an on-board computer of the working machine. (Page 3, paragraph 0025)

With regards to claim 4 and 15, Beck (USPUB 2002/0091476) teaches a additional information about the attached implement is stored in the memory. (Page 1, paragraph 0015)

With regards to claim 8, Beck (USPUB 2002/0091476) teaches the memory contains a non-volatile memory. (Page 1, paragraph 0015)

With regards to claim 9, Beck (USPUB 2002/0091476) teaches the operating parameter detection arrangement and the memory are supplied electric current from a storage battery.

Although the Beck (USPUB 2002/0091476) reference does not explicitly state a current source to supply current to the operating parameter detection arrangement and the memory, it would be inherent for the harvesting machine as shown in figure 1 to have a current source and it would be obvious to use that to supply the equipment attached to the harvesting machine with current from that source.

With regards to claim 10, Beck (USPUB 2002/0091476) teaches the memory is arranged on the attached implement. (Page 1, paragraph 0006)

With regards to claim 11, Beck (USPUB 2002/0091476) teaches at least part of the operating parameter detection arrangement is arranged on the working machine and the parameter detection arrangement is connected to the memory. (Page 2, paragraph 0015-16).

With regards to claim 12, Beck (USPUB 2002/0091476) teaches an attached implement for a self-propelled working machine is provided with a system for documenting the operation of the attached implement, characterized by

an operating parameter detection arrangement that is arranged to detect an operating parameter of the attached implement and to transmit an operating parameter signal to a memory, the memory receives the operating parameter signal and stores the operating parameter signal in memory, the memory being attached to the attached implement. (Page 1, paragraph 0010 & 0015)

With regards to claim 16, Beck (USPUB 2002/0091476) teaches the working implement comprises a harvesting assembly. (Page 1, paragraph 0016)

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

Claims 1-16 are rejected under 35 U.S.C. 102(a) as being anticipated by Schick et al. (USPUB 2002/0059075).

With regards to claim 1, Schick et al. (USPUB 2002/0059075) teaches a system for documenting the operation of an attached implement for a working machine, characterized by

an operating parameter detection arrangement that is arranged to detect an operating parameter of the attached implement and to transmit an operating parameter

signal to a memory, the memory receives the operating parameter signal and stores the operating parameter signal in memory. (Figure 7)

With regards to claim 2 and 13, Schick et al. (USPUB 2002/0059075) teaches a display for displaying the operating parameter signal from the memory. (Figure 5)

With regards to claim 3 and 14, Schick et al. (USPUB 2002/0059075) teaches the display interacts with an on-board computer of the working machine. (118;figure 3)

With regards to claim 4 and 15, Schick et al. (USPUB 2002/0059075), teaches additional information about the attached implement is stored in the memory. (208;Figure 7)

With regards to claim 5, Schick et al. (USPUB 2002/0059075) teaches the operating parameter signal contains information about how long the attached implement was operated. (Figure 6), (Page 3, paragraph 0025).

With regards to claim 6, Schick et al. (USPUB 2002/0059075) teaches the operating parameter signal contains information about where the attached implement was operated. (Page 1, paragraph 0005).

With regards to claim 7, Schick et al. (USPUB 2002/0059075) teaches the operating parameter signal contains information about how much load the attached implement encountered. (Page 1, paragraph 0007), (Page 6, paragraph 0047)

With regards to claim 8, Schick et al. (USPUB 2002/0059075) teaches the memory contains a non-volatile memory. (Page 5, paragraph 0043)

With regards to claim 9, Schick et al. (USPUB 2002/0059075) teaches the operating parameter detection arrangement and the memory are supplied electric current from a storage battery. (Page 10, paragraph 0069)

With regards to claim 10, Schick et al. (USPUB 2002/0059075) teaches the memory is arranged on the attached implement. (Page 5, paragraph 0043)

With regards to claim 11, Schick et al. (USPUB 2002/0059075) teaches at least part of the operating parameter detection arrangement is arranged on the working machine and the parameter detection arrangement is connected to the memory. (208; Figure 7)

With regards to claim 12, Schick et al. (USPUB 2002/0059075) teaches an attached implement for a self-propelled working machine is provided with a system for documenting the operation of the attached implement, characterized by

an operating parameter detection arrangement that is arranged to detect an operating parameter of the attached implement and to transmit an operating parameter signal to a memory, the memory receives the operating parameter signal and stores the operating parameter signal in memory, the memory being attached to the attached implement. (Figure 7)

With regards to claim 16, Schick et al. (USPUB 2002/0059075) teaches the working implement comprises a harvesting assembly. (Page 3, paragraph 0032)

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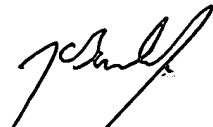
### **Conclusion**

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Behnke et al. (USPN 6,682,416) teaches an apparatus and method for automatic adjustment of a transfer device on an agricultural harvesting machine, Windle et al. (USPN 4,926,331) teaches a truck operation monitoring system, Ito et al. teaches an apparatus for providing information for agricultural work machine, Schick et al. (USPUB 2002/0059075) teaches a system and method for managing a fleet of remote assets, Douglas et al. (USPUB 2003/0069648) teaches a system and method for monitoring and managing equipment, Roddy et al. (USPUB 2003/0055666) teaches a system and method for managing a fleet of remote assets and Duckinghaus et al. (USPN 5,901,535) teaches a feed control device for a harvesting machine method of controlling.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Aditya S Bhat whose telephone number is 571-272-2270. The examiner can normally be reached on M-F 9-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Barlow can be reached on 571-272-2269. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

AB  
11/12/04

  
John Barlow  
Supervisory Patent Examiner  
Technology Center 2800